

PATENT ABSTRACTS OF JAPAN

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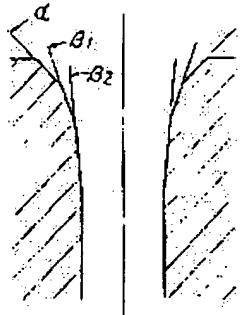
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(21)Application number : 59-204314 (71)Applicant : HITACHI POWDERED METALS
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(54) FINISHING OF SINTERED OIL-MOISTENED BEARING

(57)Abstract:



PURPOSE: To reduce the revolution resistance of a shaft by adding the process for the pressing by the second correcting tool between the pressing process and sizing process and obtaining a smooth bearing. CONSTITUTION: Between the pressing process by a conical correction tool and the succeeding sizing process, the process for the pressing by the second correcting tool on which the angle β_2 of the conical surface is set $1^\circ < \beta_2 \leq 5^\circ$ is added. Through this process, α and β_1 (β) can be varied in actually smooth connection, and therefore, the revolution resistance of the shaft can be reduced.

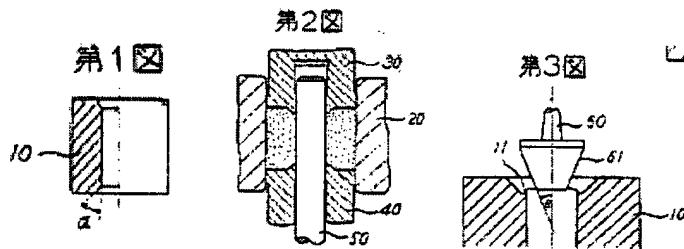


Fig.1

Fig.2

Fig.3